

28"/32" Digital Dolby Virtual Real Flat



- Fully Integrated digital terrestrial tuner
- Highly insensitive to cars driving by and domestic appliances (impulse noise)
- New intuitive user friendly Philips user interface
- Every family member a favourite programs list (up to 4)
- Real Flat Black Line S
- Crystal Clear III
- Continuous Zoom
- Dolby Virtual
- 20 W RMS
- 2 On Board Speakers
- Plug & Play
- Watch Analogue programme while recording Digital channel
- Digital Teletext MHEG5 (1.05) and subtitles displayed simultaneously
- 100 Page Smart Text (analogue)
- Common Interface
- Top Controls
- Side Connections
- Matching Stand available

**REAL
FLAT**

**VIRTUAL
DOLBY
SURROUND**

CRYSTAL CLEAR III

Plug & Play

**SMART
100 P**



Let's make things better.



PHILIPS

28"/32" Digital Stereo Real Flat

Want to enjoy all the benefits of digital TV? This large screen brings you more channels in digital quality with the built-in digital TV tuner. 50Hz picture processing ensures a clear, stable picture that is easy on the eye while the Real Flat picture tube delivers sharper, more focused images and less distortion. Digital Crystal Clear completes the picture package, making images vivid even when in motion. The sound is also well above average with Dolby Virtual. Matching stand available.



Product Information

Picture

- Screen Size: 28" (70 cm)
32" (82 cm)
- Visible screen size: 66 cm (28")
76 cm (32")
- Picture Tube : Real Flat Black Line S
- Crystal Clear III
- Colour Transient Improvement (CTI)
- Black stretch and blue stretch
- Sharpness Control
- Noise reduction
- Colour Temperature Control

Sound

- Sound Power : 20 W RMS
40 W Music Power
- Dolby Virtual
- 2 On Board Speakers

Ease of Use Installation

- Plug & play
- 100 analogue Presets channels
- 200 digital Presets channels
- Autostore
- Smart ATS and ACI

Ease of Use Utilisation

- Easy toggle between digital and analogue modes
- Easy to use UI in 11 languages
- Watch Analogue program while recording Digital program
- Top Controls
- Remote Control : RCDE3B (suitable for VCR/DVD)
- Program List
- Smart Picture Control : Soft, Natural, Rich, Multimedia, Personal
- Smart Sound Control : Movie, Speech, Music, Personal
- Digital subtitle and audio preference selection
- Fast access Options menu for temporarily changes in audio, subtitles and banners
- Smart Listening (Delta Volume + AVL)
- Dual I-LL
- 6 Widescreen modes : 4:3, Zoom 14:9, Zoom 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Continuous Zoom (analogue program only)
- WSSB
- Smart Clock
- Wake up Clock
- Sleep Timer
- Smart Lock (Child Lock + parental Control)
- Picture Tilt Control

Connections

Side

- S-Video (Y/C) in
- CVBS Video in
- Audio L/R (cinch/RCA) in
- Headphone Jack 3,5 mm out

Rear

- Common Interface socket PCMCIA
- Euro A/V connector Ext1 (RGB in, CVBS in/out)
- Euro A/V connector Ext2 (S-Video in/out CVBS in/out, with WYSIWYR, Easy Link)
- Stereo Audio out (cinch) Constant level

Information

- Digital teletext & graphics (MHEG5 decoding, V1.05)
- Analogue 100 Page Smart Text
- Analogue 4 Favorite Pages
- Analogue Program Information Line
- Full screen Digital Electronic Program Guide (EPG) : based on available free-to-air content broadcast with theme/genre selection mechanism and easy recording features.
- 4 digital favourite preset lists with end-user customisable names
- Easy Link: Pre-set download, WYSIWYR, One Touch Record

Reception

Digital

- Tuning System : PLL digital tuning
- Tuner : VHF/UHF 7/8MHz
- Aerial Input : 75 ohm Coaxial
- TV System : DVB COFDM 2k/8k
- Stereo System : MPEG-1 layer 2 Stereo

Analogue

- Tuning System : PLL digital tuning
- Tuner : VHF, UHF, S-Channel. Hyperband
- Aerial Input : 75 ohm Coaxial
- TV System : See table
- Stereo System : See table
- Video Playback : NTSC 4.43/3.58

Miscellaneous

- Mains : AC 220-240V +/- 10%
- Power Consumption : 112 W (28") Normal Oper.
124 W (32") Normal Oper.
<3 W standby
- Set Weight : 28" - 37 kg
32" - 52 kg
- Weight Incl. Packaging : 28" - 46 kg
32" - 62 kg
- Set Dimension : 28" - 782x507x510 mm
(W x H x D mm) : 32" - 884x564x540 mm
- Box Dimension : 28" - 917x675x691 mm
(W x H x D mm) : 32" - 1024x710x767 mm
- TV Colour : Silver Frost (11027)

Product highlights

Digital terrestrial tuner

Integrated tuner for superb digital signal reception through the standard aerial input : high quality digital free-to-air services with better picture and sound quality, without reception noise and disturbances. The sensitivity has been improved highly in comparison with former generations. This can be favourable areas where the signal is potentially weaker.

Impulse noise behaviour

A new technology has been applied to reduce bad reception caused by cars driving by and domestic appliances. Where in former iDTV generations the sparkplug of a car driving by could result in blocks in the video, this generation will hardly show any picture artifact anymore.

Real Flat Black Line S

Philips TV picture tube provides non-distorted picture quality, while offering a wider viewing angle without light reflections. Thanks to the highly pigmented phosphors, the brightness and contrast performance are considerably improved compared to conventional picture tubes.

Crystal Clear III

A unique package of picture innovations including Combfilter, Scavern, Dynamic Contrast. Crystal Clear III, using 10 bit processing, offers 30% more contrast, natural colors and a high level of detail.

Continuous Zoom (Analogue Program)

Able to expand the picture from 4:3 to 16:9 in many steps so the user can select the best aspect ratio for the material being viewed.

Dolby Virtual

Dolby processing circuitry for an enhanced cinema surround sound effect without the need for rear speakers.

Digital and Analogue Menu System

With easy to use Graphical User Interface and easy menu control of all digital and analogue functions. A/D button on the remote control enables to toggle between viewing digital or analogue programs. Both menus are now available 11 different languages

Plug & Play

The ultimate ease of use feature for quick automatic searching, sorting (ATS/ACI) and sorting of all the available channels, both in digital or analogue.

Watch Analogue program while recording Digital Program

Built-in with 2 Tuners (1 Analogue and 1 Digital) provided flexibility in recording. Watching Analogue programme while recording Digital channel is possible with no compromise.

Common Interface

Easy extension possible to paid program services through a dedicated module.

version		stereo system						transmission system					
		2CS DK	NICAM DK	2CS BG	NICAM BG	NICAM I	NICAM LL'	PAL BG	PAL DK	PAL I	SECAM BG	SECAM DK	SECAM LL'
28/32DW6558	/05		•	•	•	•	•	•	•	•	•	•	•
28/32DW6558	/01		•	•	•	•	•	•	•	•	•	•	•

Predecessor : 28/32DW6557
Chassis : A10 / IBO +
Introduction : Year 2003

Features and specifications subject to change without notice

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